

AMENDMENTS TO THE CLAIMS

1-93 (Canceled).

94. (Currently amended) An information recording medium having a plurality of recording layers recordable with data by irradiating light thereon, and a track on each recording layer includes wobbles of modulated information, wherein:

the wobbles are recorded with ~~FSK modulated information, PSK modulated information~~
~~or~~ FSK+PSK modulated information as layer information indicating a place or position of each recording layer.

95. (Currently amended) The information recording medium as claimed in claim 94, wherein the wobbles are further recorded with PSK modulated information as address information ~~when the layer information is the FSK+PSK modulated information.~~

96. (Currently amended) The information recording medium as claimed in claim 94, wherein the wobbles are further recorded with FSK+PSK modulated information as address information ~~when the layer information is the PSK modulated information.~~

97. (New) An information recording medium having a plurality of recording layers recordable with data by irradiating light thereon, and a track on each recording layer includes wobbles of modulated information, wherein:

the wobbles are recorded with FSK+PSK modulated information, as layer information indicating a place or position of each recording layer, which stores information in the wobbles by a wobble waveform having 2 times a carrier wave period or 1/2 a carrier wave frequency and changing a phase between 0 and 180 degrees.